

SGCN and Stressors Associated with Habitats

Macrogroup: Northeastern Floodplain Forest

Habitat Systems within Macrogroup:

MacrogroupName Northeastern Floodplain Forest

Laurentian-Acadian Floodplain Systems

Northeastern Floodplain Forest Macrogroup - Unknown Habitat System (i.e. Macrogroup)

Description: Wooded floodplain wetlands of the northeast (excluding those of southern character above)

SGCN Associated With This Habitat

Total SGCN: 1: 5 2: 9 3: 21

Class	<i>Amphibia</i> (Amphibians)	SGCN Category
Species	<i>Ambystoma laterale</i> (Blue-spotted Salamander)	2
Species	<i>Lithobates pipiens</i> (Northern Leopard Frog)	2
Class	<i>Aves</i> (Birds)	SGCN Category
Species	<i>Setophaga ruticilla</i> (American Redstart)	2
Species	<i>Icterus galbula</i> (Baltimore Oriole)	3
Species	<i>Mniotilta varia</i> (Black-and-white Warbler)	2
Species	<i>Buteo platypterus</i> (Broad-winged Hawk)	3
Species	<i>Cardellina canadensis</i> (Canada Warbler)	2
Species	<i>Megascops asio</i> (Eastern Screech-owl)	3
Species	<i>Ardea herodias</i> (Great Blue Heron)	2
Species	<i>Empidonax minimus</i> (Least Flycatcher)	3
Species	<i>Parkesia motacilla</i> (Louisiana Waterthrush)	3
Species	<i>Colaptes auratus</i> (Northern Flicker)	3
Species	<i>Setophaga americana</i> (Northern Parula)	3
Species	<i>Haemorhous purpureus</i> (Purple Finch)	3
Species	<i>Pheucticus ludovicianus</i> (Rose-breasted Grosbeak)	3
Species	<i>Euphagus carolinus</i> (Rusty Blackbird)	1
Species	<i>Catharus ustulatus</i> (Swainson's Thrush)	3
Species	<i>Catharus fuscescens</i> (Veery)	2
Species	<i>Setophaga petechia</i> (Yellow Warbler)	3
Class	<i>Insecta</i> (Insects)	SGCN Category
Species	<i>Hydroptila blinklei</i> (A Caddisfly)	3
Species	<i>Hydroptila parachelops</i> (A Caddisfly)	3
Species	<i>Hydroptila tomah</i> (A Caddisfly)	3
Species	<i>Baetisca carolina</i> (A Mayfly)	3
Species	<i>Nixe horrida</i> (A Mayfly)	3
Species	<i>Alloperla voinae</i> (A Stonefly)	3
Species	<i>Neoperla mainensis</i> (A Stonefly)	3
Species	<i>Satyrodes appalachia</i> (Appalachian Brown)	3
Species	<i>Ophiogomphus colubrinus</i> (Boreal Snaketail)	1
Species	<i>Ophiogomphus anomalus</i> (Extra-striped Snaketail)	3
Species	<i>Ophiogomphus howei</i> (Pygmy Snaketail)	2
Species	<i>Pteronarcys comstocki</i> (Spiny Salmonfly)	3
Species	<i>Siphonisca aerodromia</i> (Tomah Mayfly)	1
Class	<i>Mammalia</i> (Mammals)	SGCN Category
Species	<i>Eptesicus fuscus</i> (Big Brown Bat)	2

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Species	<i>Myotis lucifugus</i> (Little Brown Bat)	1
Class	<i>Reptilia</i> (Reptiles)	SGCN Category
Species	<i>Glyptemys insculpta</i> (Wood Turtle)	1
Endangered (E) and Threatened (T) Plant Species Associated With This Habitat		
Class	Dicots <i>Dicotyledoneae</i>	State Status
Species	Swamp White Oak <i>Quercus bicolor</i>	T
Class	Monocots <i>Monocotyledoneae</i>	State Status
Species	Cat-tail Sedge <i>Carex typhina</i>	E

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Stressors Associated With This Macrogroup

IUCN Level 2 Threat Name: Agricultural and Forestry Effluents

Notes: Many floodplain forest occurrences are downslope of agricultural fields.

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Notes: Many floodplain forest occurrences are downslope and/or adjacent to agricultural activity

IUCN Level 2 Threat Name: Annual and Perennial Non-timber crops

Notes: not much new clearing, but much has been cleared in the past; opportunities for riparian restoration

IUCN Level 2 Threat Name: Annual and Perennial Non-timber crops

Notes: not much new clearing, but much has been cleared in the past; opportunities for riparian restoration?

IUCN Level 2 Threat Name: Commercial and Industrial Areas

Notes: Floodplain forests (and adjacent uplands) had relatively high predicted development rates in Anderson et al (2013)

IUCN Level 2 Threat Name: Dams and Water Management-Use

Notes: Floodplain hydrology and vegetation may be altered by dam construction

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Notes: Floodplain hydrology may be altered by dam construction.

IUCN Level 2 Threat Name: Domestic and Urban Waste Water

Notes: More of a concern in developed parts of state

IUCN Level 2 Threat Name: Gathering Terrestrial Plants

Notes: Impact is not so much removal of plants themselves, but ATV use in floodplains for access.

IUCN Level 2 Threat Name: Gathering Terrestrial Plants

Notes: Impact is partly removal of plants themselves, but mostly from trampling and ATV access in floodplains

IUCN Level 2 Threat Name: Housing and Urban Areas

Notes: Floodplain forests (and adjacent uplands) had relatively high predicted development rates in Anderson et al (2013)

IUCN Level 2 Threat Name: Housing and Urban Areas

Notes: Floodplain forests had relatively high predicted development rates in Anderson et al (2013)

IUCN Level 2 Threat Name: Industrial and Military Effluents

Notes: Industrial effluents on major rivers much reduced from decades ago

IUCN Level 2 Threat Name: Invasive Non-native-Alien Species-Diseases

Notes: Many invasive plants are a problem in this forest type; problem is worse in southern ME

IUCN Level 2 Threat Name: Livestock Farming and Ranching

Notes: Many floodplains have been converted to ag, and many are poorly buffered by ag.

IUCN Level 2 Threat Name: Logging and Wood Harvesting

Notes: Floodplain forests contain vulnerable soils and understory species; impacts depend on intensity, season of harvest, etc.

IUCN Level 2 Threat Name: Logging and Wood Harvesting

Notes: Impacts depend on intensity, season of harvest, etc.

IUCN Level 2 Threat Name: Problematic Native Species-Diseases

Notes: Deer overpopulation in Southern Maine

IUCN Level 2 Threat Name: Roads and Railroads

Notes: Many floodplains are bordered by roads, resulting in runoff

IUCN Level 2 Threat Name: Storms and Flooding

Notes: Change in hydrology, sedimentation as a result of climate change.

IUCN Level 2 Threat Name: Storms and Flooding

Notes: Potential change in hydrology, sedimentation, and ultimately vegetation as a result of climate change

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IUCN Level 2 Threat Name: Utility and Service Lines

Notes: Powerlines, pipelines etc.

Habitat Conservation Actions:

Relevant conservation actions for this habitat are assigned within broader habitat groupings in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

Species Conservation Actions:

Conservation actions that may benefit species associated with this habitat can be found in Maine's 2015 Wildlife Action Plan: Element 1, Table 1-3. Click on the species of interest to launch a species based report summarizing relevant conservation actions and associated habitats.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.